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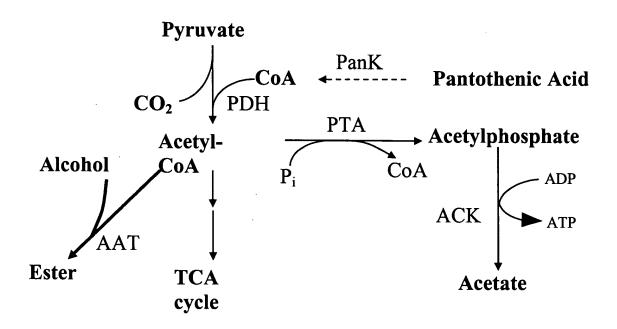


FIG. 1

α - ketoisovaleric acid

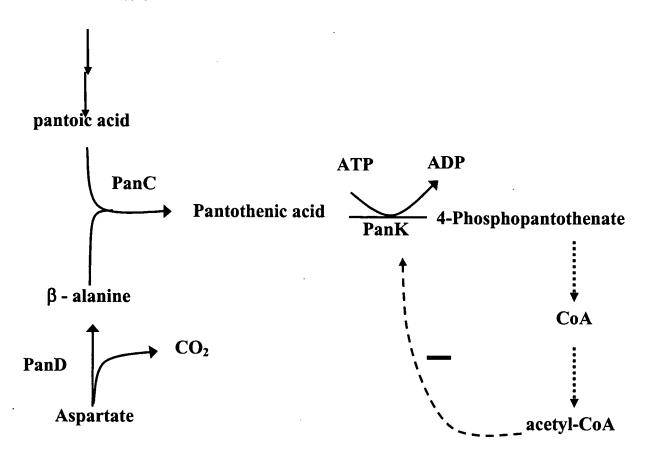


FIG. 2

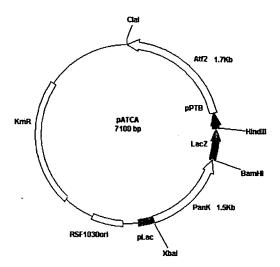


FIG. 3

Metabolite Concentrations in Batch Reactor with LB medium

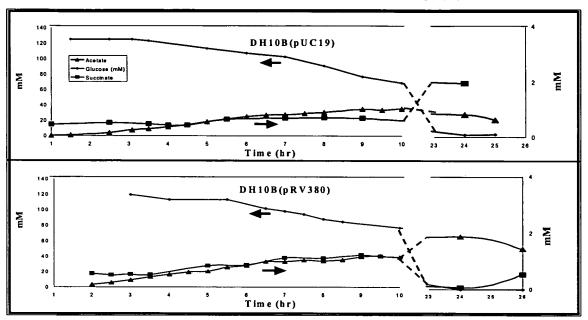


FIG. 4

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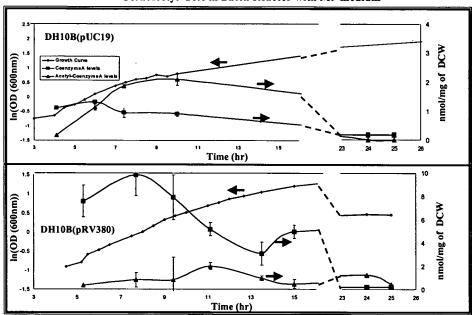
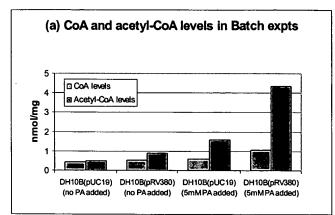
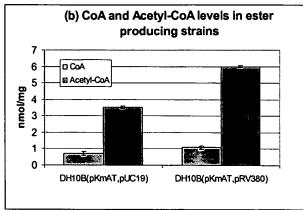
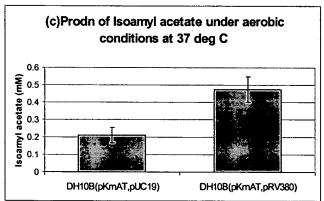


FIG. 5







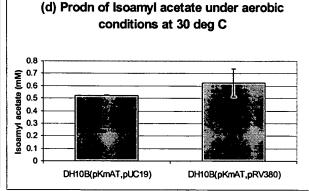


FIG. 6

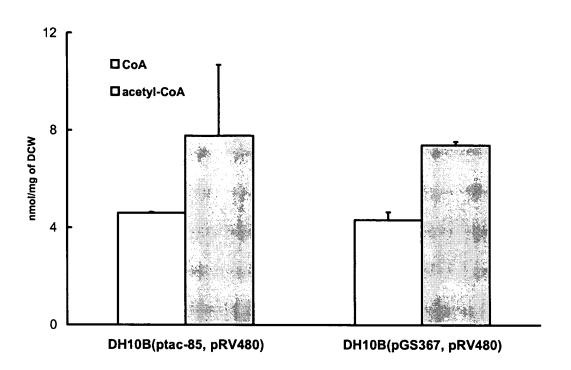


FIG. 7

Specific glucose uptake rate

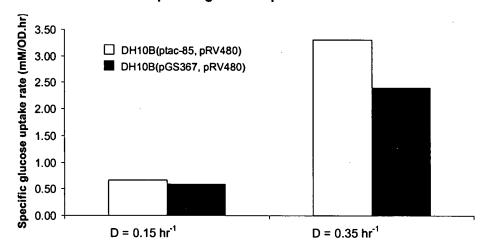
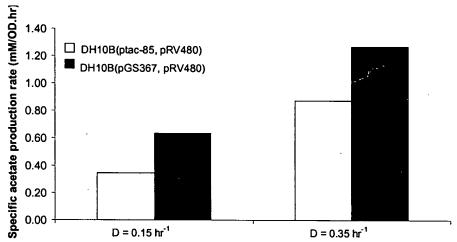


FIG. 8

Specific acetate production rate



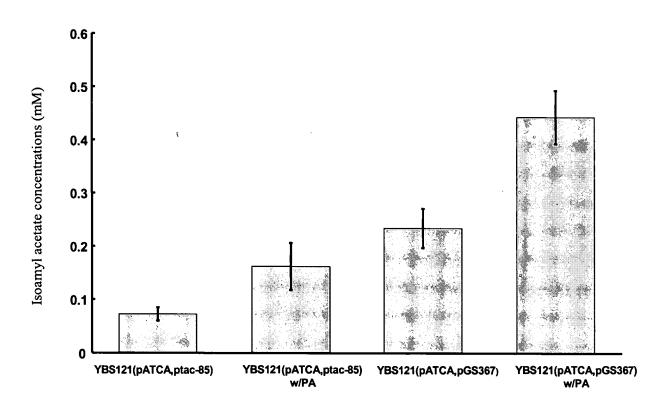


FIG. 10

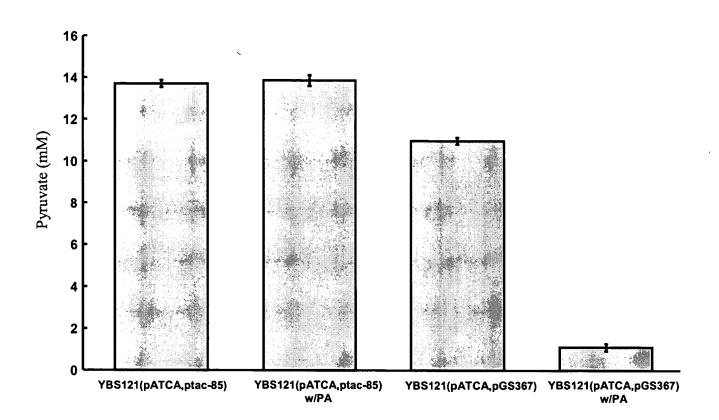


FIG. 11